

PIONEERING THE DIGITAL TRAIN

Nomad Digital is the world's leading provider of wireless connectivity and Information and Communications (ICT) solutions to the rail industry. Its comprehensive portfolio of connectivity technology enables operators to significantly enhance the passenger experience, while delivering improved levels of reliability, safety and operational efficiency. Nomad's solutions include market leading connectivity and WiFi, Passenger Information Systems (PIS), on-board entertainment platforms, Remote Online Condition Monitoring (ROCM) and Reliability Centered Maintenance (RCM).

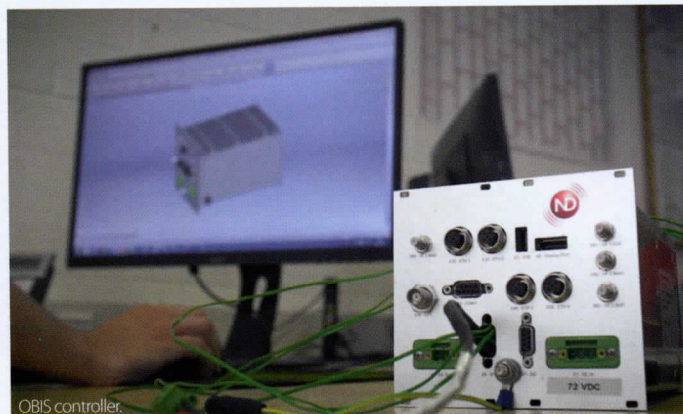
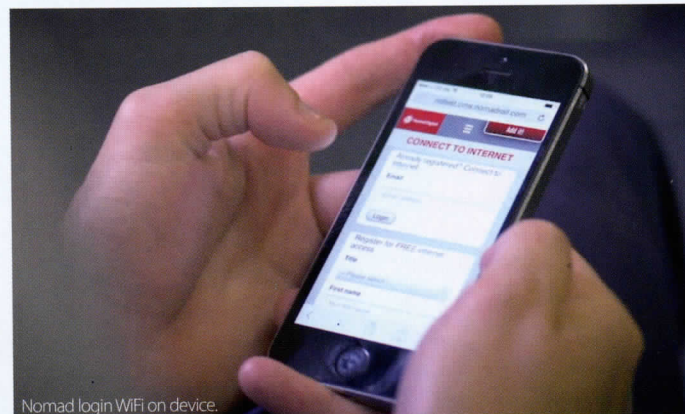
Headquartered in the UK, Nomad Digital's solutions have been deployed by operators across Europe, North America, the Middle East, Asia and Australia and currently serve more than 50 customers in over 20 countries, supported by a global network of staff and offices. Nomad's technology is used on more than 11,000 connected vehicles worldwide, providing infotainment to over 1.7 billion passengers each year. Customers include the world's leading transport operators, manufacturers and maintenance providers, on both refit and new-build projects.

Overall, Nomad systems are deployed on nearly 50% of all connected rail vehicles worldwide and in the UK, Nomad's passenger WiFi services are deployed on 75% of all UK WiFi connected trains.

NEXT GENERATION COMMUNICATIONS

Nomad is the pioneer of a unified and fully integrated multi-bearer on-train communications platform that enables superior bandwidth, high-availability and inter-connectivity for on-board systems, devices and applications - driving the modernisation of operations and maintenance of train fleets throughout the world.

Nomad's communications platform is intelligent, driven to maximise access and extract the value of on-board data. It is



the cornerstone that provides operational, financial and experiential benefits for operators and passengers alike. Nomad designs, builds and operates all its turnkey solutions with a complete life cycle perspective. This enables future-proof designing and scalability to adapt to developing market and operator needs. It is the fundamental building block for all connected services on-board, today and in the future.

ENHANCING PASSENGER SERVICES

In an increasingly digital age, people expect to be able to access WiFi and digital content, such as information and entertainment, whenever and wherever they are and being on the train is no exception.

Nomad provides innovative real-time passenger solutions via both passenger devices and/or vehicle displays. This covers an extensive

range of passenger services including internet access, travel information, entertainment delivery and security applications. Nomad's solutions currently inform and entertain 4 million passengers daily across the world.

INTELLIGENT FLEET MANAGEMENT

Providing rail operators with a real-time fleet-wide view of how numerous on-board systems and isolated components are performing in the field is a growing trend within the rail industry.

Nomad not only provides remote connectivity to previously offline digital and analogue legacy systems, but also brings the know-how and tools to extract and interpret critical operational data. This enables operators to perform real-time analysis on-board, automatically issue alerts of impending equipment failures and feed the relevant information in real-time to the operations departments and maintenance depots. Using Nomad's powerful on-shore tool, historical diagnostic data is available for analysis at any time in order to support improved decision making.

Intelligent Fleet Management is delivered by Nomad Tech, a business created as a joint venture with EMEF, the Portuguese Railways company for rolling stock maintenance and therefore benefits from many years of practical experience in railway maintenance operations.

DELIVERING GLOBAL TECHNOLOGY 'FIRSTS'

Nomad has demonstrated its position at the forefront of global ICT for the railways with technology firsts including: the provision of the world's first seamless tunnel connectivity passenger WiFi solution; the first on-board movie-on-demand service to passengers using WiFi; first seamless train-station platform WiFi session handover and the world's first real-time automated integrated passenger information portal and PIS. ■